

MEASURING AND ANALYZING MULTI-DIMENSIONAL SENSORY INFORMATION FOR IDENTIFICATION PURPOSES

ABSTRACT OF THE DISCLOSURE

5 Methods and systems are provides for measuring multi-dimensional sensing
information for identification purposes. The identity of one or more substances is determined
through analysis of multidimensional data that can include, among others, intrinsic
information as well as extrinsic information. The method for identification of a substance
comprises utilizing pattern recognition to form descriptors to identify characteristics of the
10 substance. A system and computer program for performing analysis of the multidimensional
data are also described.

SF 1194652 v1

Patented by the U.S. Patent and Trademark Office